



PRINCETON GEOSCIENCE, INC.

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August 12, 2014

Via U.S. Mail

Mr. John Osolin
New Jersey Remediation Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
Region II
290 Broadway, 19th Floor
New York, New York 10007-1866

RE: CPS/Madison Superfund Site
Monthly Progress Report #106 (July 8, 2014 to August 7, 2014)

Dear Sir:

As required by the Administrative Order on Consent entered into on October 6, 2005 BASF (formerly Ciba Specialty Chemicals) is herein submitting Monthly Progress Report #106 detailing activity from July 8, 2014 to August 7, 2014.

As outlined in the AOC, the report details activities undertaken during the reporting period as well as a listing of the AOC requirements fulfilled. As required, a one month and two month forecast of activities is also included.

Please feel free to call Joseph Guarnaccia of BASF (732 914-2516), if there are any questions or concerns.

Sincerely,

PRINCETON GEOSCIENCE, INC.

James L. Peterson, P.G.
Principal

Cc:
L. Vogel/NJDEP
Casaletto/Madsion
File & internal distribution

510207



CPS/Madison SUPERFUND SITE

Progress Report # 106

July 8, 2014 to August 7, 2014

This progress report is being submitted to the Environmental Protection Agency as a requirement of the Administrative Order on Consent with the effective date of October 6, 2005.

Previous Month (July 8, 2014 to August 7, 2014) Activity

1. AOC Requirements and Submittals associated with this report.

- No new data packages associated with this reporting period

2. Ongoing Investigations/Activities

- IRM upgrades:
 - Development of draft conveyance design package.
 - Prepare draft applications for Flood Hazard Area Individual Permit Equivalent and Wetlands GP-4 Permit Equivalent.
- Feasibility Study
 - Develop Candidate Technology Memorandum (Part I of Feasibility Study deliverables)
 - Contacted Vendors (ISCO, soil mixing, sheeting)
- Remedial Investigation Report
 - Revise RIR to address EPA/DEP comments and include SLERA and HHRA
- SLERA
 - Conference call with Mindy Pensak of EPA to discuss June 30, 2014 comments from USEPA on the revised Draft SLERA. Submitted Responses To Comments Letter to USEPA on July 22, 2014 and Supplemental Information on July 25, 2014.
- BHHRA
 - Completed human health risk calculations and continued preparation of Draft BHHRA report.

3. Source Area IRM (July 2014)

Well	Month Total(gal)	Rate (ave. gpm)	Discharge MUA(gal)	On-Site Recharge(gal)
CPS3A	674,449	15		
WE2RB	484,394	11		
Totals	1,158,843	26	678,306	480,537

4. Planned August 2014 Activity

- IRM upgrades:
 - Submit applications for Flood Hazard Area Individual Permit Equivalent and Wetlands GP-4 Permit Equivalent.
 - Prepare draft NJPDES Discharge to Surface Water Groundwater Permit Equivalent application (BGR- Eq)
- Feasibility Study
 - Submit Candidate Technology Memorandum (Part I of Feasibility Study deliverables)
 - Treatability Studies, contact TS vendors for options and approaches
- Remedial Investigation Report
 - Revise RIR to address EPA/DEP comments and include SLERA and HHRA

- **SLERA**
 - Receive response (hopefully approval) from USEPA on the Responses to Comments Letter submitted to them on July 22 and July 25, 2014. Upon approval of Responses to Comments, Finalize the SLERA.
- **BHHRA**
 - Complete Draft BHHRA and submit to USEPA and NJDEP.

Projected September 2014 Activity

- **IRM upgrades:**
 - Submit NJPDES Discharge to Surface water Permit Equivalent application
 - Perform utility investigation
- **Remedial Investigation Report**
 - Revise RIR to address EPA/DEP comments and include SLERA and HHRA
- **SLERA**
 - No activity anticipated (SLERA completed)
- **BHHRA**
 - Receive comments from USEPA on the Draft BHHRA and prepare Responses to Comments.
- **Feasibility Study**
 - Treatability Studies - prepare draft Treatability Study Work plan

cc: EPA 3 copies
 Lynn Vogel/NJDEP
 Casaletto/for Madsion
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